

Abstract

5 An electronic component (10) comprising a plurality of switching elements (1) which comprise, in this sequence,
a first electrode (16),
a molecular layer (18) bonded to a substrate, and
a second electrode (20),
10 where the molecular layer essentially consists of molecules (M) which contain a connecting group (V) and an end group (E) having a polar or ionic function,
is suitable as memristive device for digital information storage.

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